#10
5-17-02

RAW SEQUENCE LISTING DATE: 02/26/2002
PATENT APPLICATION: US/09/766,442A TIME: 09:34:47

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\02262002\I766442A.raw

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      3 <110> APPLICANT: Audonnet, Jean-Christophe
      5 <120> TITLE OF INVENTION: Improved DNA Vaccines for Farm Animals, In particular
bovines and
      6       procines
      8 <130> FILE REFERENCE: 454313-3154.2
     10 <140> CURRENT APPLICATION NUMBER: 09/766,442A
C--> 11 <141> CURRENT FILING DATE: 2001-01-19
     13 <160> NUMBER OF SEQ ID NOS: 106
     15 <170> SOFTWARE: PatentIn version 3.0
     17 <210> SEQ ID NO: 1
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     19 <212> TYPE: DNA
     20 <213> ORGANISM: Artificial sequence
     22 <220> FEATURE:
     23 <223> OTHER INFORMATION: oligonucleotide used to prepare modified plasmid pVR1020
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     32 <213> ORGANISM: Artificial sequence
     34 <220> FEATURE:
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     38 gatccgcggc cgcgaattcg atatcctcta gacacgtgct                              40
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     44 <213> ORGANISM: Artificial sequence
     46 <220> FEATURE:
     47 <223> OTHER INFORMATION: oligonucleotide used to prepare plasmid pNS050
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     50 ttggggaccc ttgattgttc                                                    20
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     54 <211> LENGTH: 21
     55 <212> TYPE: DNA
     56 <213> ORGANISM: Artificial sequence
     58 <220> FEATURE:
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68 <213> ORGANISM: Artificial sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: oligonucleotide used to amplify sequence of intron II of rabbit g
72 lobin gene
74 <400> SEQUENCE: 5
75 ctccatgtcg acttggggac ccttgattgt 30
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79 <211> LENGTH: 30
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: oligonucleotide used to amplify sequence of intron II of rabbit g
85 lobin gene
87 <400> SEQUENCE: 6
88 ctccatgtcg acctgtagga aaaagaagaa 30
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92 <211> LENGTH: 30
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: oligonucleotide used to amplify plasmid pPB278 through PCR
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100 ttgtcgacat ggccgctcgc ggcggtgctg 30
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 21
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: oligonucleotide used to amplify plasmid pPB278 through PCR
111 <400> SEQUENCE: 8
112 gcagggcagc ggctagcgcg g 21
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116 <211> LENGTH: 51
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: oligonucleotide used to prepare fragment for generating plasmid p
122 PB28
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125 ctgcacgagc tccggttcta cgacattgac cgctggtcaa gacggactga g 51
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129 <211> LENGTH: 56
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: oligonucleotide used to prepare fragment for generating plasmid p
135 PB28
137 <400> SEQUENCE: 10
138 gatcctcagt ccgtcttgac cacgcggtca atgtcgtaga accggagctc gtgcag 56

RAW SEQUENCE LISTING DATE: 02/26/2002
PATENT APPLICATION: US/09/766,442A TIME: 09:34:47

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\02262002\I766442A.raw

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<220> FEATURE:
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<212> TYPE: DNA
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gene
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RAW SEQUENCE LISTING DATE: 02/26/2002
PATENT APPLICATION: US/09/766,442A TIME: 09:34:47

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215 <210> SEQ ID NO: 17
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218 <213> ORGANISM: Artificial sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: primer used in amplification of modified form of BHV-1 gC gene
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224 aaaatttcga tatcccggcg ggggctcgcc gaggaggcg 39
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 32
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230 <213> ORGANISM: Artificial sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: primer used in amplification of modified form of BHV-1 gC gene
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236 ggaagatctc tagtcgtacg tggcggtcgc gg 32
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 33
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: primer used to amplify truncated gD gene of BHV-1
247 <400> SEQUENCE: 19
248 tttctgcaga tgcaagggcc gacattggcc gtg 33
251 <210> SEQ ID NO: 20
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253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: primer used to amplify truncated gD gene of BHV-1
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265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: primer used to amplify modified form of BHV-1 gD gene
271 <400> SEQUENCE: 21
272 aaaatttcga tatcccccgc gccgcgggtg acggtatac 39
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276 <211> LENGTH: 33
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: primer used to prepare modified form of BHV-1 gD gene
283 <400> SEQUENCE: 22
284 ggaagatctt tagggcgtag cgggggcggg cgg 33

RAW SEQUENCE LISTING DATE: 02/26/2002
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Input Set : A:\PTO.VSK.txt
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289 <212> TYPE: DNA
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292 <220> FEATURE:
293 <223> OTHER INFORMATION: primer used in amplification of F gene of the Snook strain of BRS
296 <400> SEQUENCE: 23
297 aaattttctg cagatggcga caacagccat gagg 34
300 <210> SEQ ID NO: 24
301 <211> LENGTH: 35
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: primer used in amplification of F gene of the Snook strain of BRS
309 <400> SEQUENCE: 24
310 ttaaggatcc tcatttacta aaggaaagat tgttg 35
313 <210> SEQ ID NO: 25
314 <211> LENGTH: 39
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: primer used in amplification of truncated form of F gene
321 <400> SEQUENCE: 25
322 aattttggat cctcatgtgg tggattttcc tacatctac 39
325 <210> SEQ ID NO: 26
326 <211> LENGTH: 38
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: primer used in amplification of modified form of F gene
333 <400> SEQUENCE: 26
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338 <211> LENGTH: 32
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: primer used to amplify G gene of the BRSV Snook strain
345 <400> SEQUENCE: 27
346 acgcgtcgac atgtccaacc atacccatca tc 32
349 <210> SEQ ID NO: 28
350 <211> LENGTH: 38
351 <212> TYPE: DNA
352 <213> ORGANISM: Artificial sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: primer used to amplify G gene
357 <400> SEQUENCE: 28
358 ttaaaatcta gattagatct gtgtagttga ttgatttg 38
361 <210> SEQ ID NO: 29

VERIFICATION SUMMARY DATE: 02/26/2002
PATENT APPLICATION: US/09/766,442A TIME: 09:34:48

Input Set : A:\PTO.VSK.txt
Output Set: N:\CRF3\02262002\I766442A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date